

2. (Amended) The semiconductor laser excitation solid state laser apparatus according to claim 1, wherein, when said semiconductor laser is pulsed with the pulse of current to excite said solid state laser element, the current supplied to said solid state laser element is decreased successively during the pulse.

3. (Amended) The semiconductor laser excitation solid state laser apparatus according to claim 1, wherein, when said semiconductor laser is pulsed with the pulse of current to excite said solid state laser element, the current supplied to said solid state laser element is decreased successively in an initial stage of a pulse during the pulse.

4. (Amended) The semiconductor laser excitation solid state laser apparatus according to claim 1, wherein, when said semiconductor laser is pulsed with the pulse of current to excite said solid state laser element, the current supplied to said solid state laser element is increased successively during the pulse.

5. (Amended) The semiconductor laser excitation solid state laser apparatus according to claim 1, wherein, when said semiconductor laser is pulsed with the pulse of current to excite said solid state laser element, the current supplied to said solid state laser element is increased successively in an initial stage of a pulse during the pulse.

6. (Amended) The semiconductor laser excitation solid state laser apparatus according to claim 1, wherein, when said semiconductor laser is pulsed with the pulse of current to excite said solid state laser element, the current supplied to said solid state laser element is changed stepwise during the pulse.

7. (Amended) The semiconductor laser excitation solid state laser apparatus according to claim 1, further comprising:

a diffusive reflector enclosing said solid state laser element and having an inner surface diffusing and reflecting the laser beam; and